

**LAND APPLICATION SITE**

**CARROLL S WILKINS**

**DWCSW 1-6**

**DINWIDDIE COUNTY**

Wilkins/Humphries - Dourado

## RECYC SYSTEMS, INC

### PART D-VI BIOSOLIDS APPLICATION AGREEMENT

This biosolids application agreement is made on 4/26/02 between Tammy Hughes, referred to here as "landowner", and Recyc Systems, Inc, referred to here as the "Permittee".

Landowner is the owner of agricultural land shown on the map attached as Exhibit A and designated there as landowner's land ("landowner's land"). Permittee agrees to apply and landowner agrees to comply with certain permit requirements following application of biosolids on landowner's land in amounts and in a manner authorized by (VPA) (VPDES) permit number \_\_\_\_\_ which is held by the Permittee.

Landowner acknowledges that the appropriate application of biosolids will be beneficial in providing fertilizer and soil conditioning to the property and consents to the application of biosolids on his property. Moreover, landowner acknowledges having been expressly advised that, in order to protect public health:

1. Public access to landowner's land upon which biosolids have been applied should be controlled for at least 30 days following any application of biosolids and no biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
2. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil, or 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation. Other food crops, feed crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
3. Following biosolids application to pasture or hayland sites, meat producing livestock should not be grazed or fed chopped foliage for 30 days and lactating dairy animals should be similarly restricted for a minimum of 60 days. Other animals should be restricted from grazing for 30 days;
4. Supplemental commercial fertilizer or manure applications should be coordinated with the biosolids applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia to be supplied to the landowner by the permittee at the time of application of biosolids to a specific permitted site;
5. Tobacco, because it has been shown to accumulate cadmium, should not be grown on landowner's land for three years following the application of biosolids borne cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare);
6. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by the permitting authority.

The landowner agrees to allow county officials access to the area of the property permitted for biosolids, whenever necessary, to complete site inspections related to the scheduled biosolids program.

Permittee agrees to notify landowner or landowner designee of the proposed schedule for biosolids application and specifically prior to any particular application to landowner's land. This agreement may be terminated by either party upon written notice to the address specified below.

Landowner Signature:

Tammy Hughes  
John E. Hughes

Farm Operator Signature:

\_\_\_\_\_  
\_\_\_\_\_

Permittee:

Recyc Systems, Inc.  
\_\_\_\_\_

Mailing Address:

3611 COLONNAGE DRIVE  
COLONIAL HEIGHTS, VA 23834

Mailing Address:

\_\_\_\_\_  
\_\_\_\_\_

Mailing Address:

P.O. Box 562  
Remington Virginia 22734  
(540) 547-3300

# RECYC SYSTEMS, INC

## PART D-VI BIOSOLIDS APPLICATION AGREEMENT

This biosolids application agreement is made on 12 MAR 09 between CARROLL S. WILKINS referred to here as "landowner", and Recyc Systems, Inc, referred to here as the "Permittee".

Landowner is the owner of agricultural land shown on the map attached as Exhibit A and designated there as \_\_\_\_\_ ("landowner's land"). Permittee agrees to apply and landowner agrees to comply with certain permit requirements following application of biosolids on landowner's land in amounts and in a manner authorized by (VPA) (VPDES) permit number \_\_\_\_\_ which is held by the Permittee.

Landowner acknowledges that the appropriate application of biosolids will be beneficial in providing fertilizer and soil conditioning to the property and consents to the application of biosolids on his property. Moreover, landowner acknowledges having been expressly advised that, in order to protect public health:

1. Public access to landowner's land upon which biosolids have been applied should be controlled for at least 30 days following any application of biosolids and no biosolids amended soil shall be excavated or removed from the site during this same period of time unless adequate provisions are made to prevent public exposure to soil, dusts or aerosols;
2. Food crops with harvested parts that touch the biosolids/soil mixture and are totally above the land surface shall not be harvested for 14 months after the application of biosolids. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after the application of biosolids when the biosolids remain on the land surface for a time period of four (4) or more months prior to incorporation into the soil, or 38 months when the biosolids remain on the land surface for a time period of less than four (4) months prior to incorporation. Other food crops, feed crops and fiber crops shall not be harvested for 30 days after the application of biosolids;
3. Following biosolids application to pasture or hayland sites, meat producing livestock should not be grazed or fed chopped foliage for 30 days and lactating dairy animals should be similarly restricted for a minimum of 60 days. Other animals should be restricted from grazing for 30 days;
4. Supplemental commercial fertilizer or manure applications should be coordinated with the biosolids applications such that the total crop needs for nutrients are not exceeded as identified in the nutrient management plan developed by a person certified in accordance with §10.1-104.2 of the Code of Virginia to be supplied to the landowner by the permittee at the time of application of biosolids to a specific permitted site;
5. Tobacco, because it has been shown to accumulate cadmium, should not be grown on landowner's land for three years following the application of biosolids borne cadmium equal to or exceeding 0.45 pounds/acre (0.5 kilograms/hectare);
6. Turf grown on land where biosolids are applied shall not be harvested for one year after application of biosolids when the harvested turf is placed on either land with a high potential for public exposure or a lawn, unless otherwise specified by the permitting authority.

The landowner agrees to allow county officials access to the area of the property permitted for biosolids, whenever necessary, to complete site inspections related to the scheduled biosolids program.

Permittee agrees to notify landowner or landowner designee of the proposed schedule for biosolids application and specifically prior to any particular application to landowner's land. This agreement may be terminated by either party upon written notice to the address specified below.

Landowner Signature:

Carroll S. Wilkins

Mailing Address:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Farm Operator Signature:

Carroll S. Wilkins

Mailing Address:

5512 Whitmore Road  
Mckenney, VA 23872-3123

Permittee:

Recyc Systems, Inc.

Mailing Address:

P.O. Box 562  
Remington Virginia 22734  
(540) 547-3300

Mailing Address: \_\_\_\_\_  
 \_\_\_\_\_ P.O. Box 562  
 \_\_\_\_\_ Remington Virginia 22734  
 \_\_\_\_\_ (540) 547-3300

# RECYC SYSTEMS, INC

## FIELD DATA SHEET

Field Identification	Gross Acres	Environmentally Sensitive Soils				Hydro Map	Tax Map #	FSA Tract #
		Water Table	Bed Rock/Shallow	Surf/Leach	Freq Flood			
DWCSW 1	12.6	--	--	--	--	CU11	TM 52 P 33	T 458
DWCSW 2	6.9	16A	--	--	--	CU11	TM 65 P 7	T 2366
DWCSW 3	9.4	--	--	--	--	CU11	TM 65 P 7	T 2366 T 2415
DWCSW 4	14.6	--	--	--	--	CU11	TM 65 P 7, 7A, 7B	T 2366 T 2415
DWCSW 5	3.1	--	--	--	--	CU11	TM 65 P 7B	T 2415
DWCSW 6	15.1	--	--	--	--	CU11	TM 65 P 6	T 2272
TOTAL ACRES IN SITE	61.7							

# Recyc Systems, Inc

## Carroll S. Wilkins Site

County	Owner	Operator	FSA Tract No.	Recyc Field No.	Gross Acres	Date of Last Application
Dinwiddie	Thomas A. Jordan	Carroll S. Wilkins	T 458 Field 1, 2, 3, 4, 5	DWCSW 1	12.6	--
	Carroll S. Wilkins		T 2366 Field 1, 2, 3	DWCSW 2	6.9	--
			T 2366 T 2415 Field 6 Field 2	CWCSW 3	9.4	--
			T 2366 T 2415 Field 4, 5 Field 0, 1, 2, 3, 4	DWCSW 4	14.6	--
			T 2415 Field 5	DWCSW 5	3.1	--
			T 2272 Field 1	DWCSW 6	15.1	--
	James W. Humphries & John E. Humphries					

Send To: RECYC SYSTEMS INC  
POB 562  
REMINGTON, VA 22734

Grower: CARROLL WILKINS  
DINWIDDIE

Submitted By: C. CARLO

Farm ID: Field ID: I D:

## SOIL ANALYSIS REPORT

Page: 1 Date Received: 4/25/2008 Date of Analysis: 4/26/2008 Date of Report: 4/29/2008 Analytical Method(s): Mehlich III

Sample Number	Lab Number	Organic Matter			Phosphorus		Potassium	Magnesium	Calcium	Sodium	pH		Acidity	C.E.C.	
		%	ENR lbs/A Rate		Available ppm Rate	Reserve ppm Rate	K ppm Rate	MG ppm Rate	CA ppm Rate	NA ppm Rate	Soil pH	Buffer Index	H meq/100g	meq/100g	
DWCSW1	8505	1.7	79	L	33	M	20 v VL	50 M M	550 H H		6.1	6.9	0.5	3.7	
DWCSW2	8506	2.2	87	L	47	M	56 L	70 M M	560 M M		5.5	6.8	1.2	4.8	
DWCSW3	8507	2.0	92	L	39	M	52 L	90 M M	940 H H		6.6	6.9	0.4	5.9	
DWCSW4	8508	2.0	82	L	183 v VHi		40 v VL	75 M M	810 H H		6.4	6.9	0.5	5.2	
DWCSW5	8509	2.3	89	L	41	M	38 v VL	70 M M	720 H H		6.0	6.9	0.8	5.1	
Sample Number	Percent Base Saturation					Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble Salts	Chloride	Aluminum
	K %	Mg %	Ca %	Na %	H %	NO3-N ppm Rate	SO4-S ppm Rate	ZN ppm Rate	MN ppm Rate	FE ppm Rate	CU ppm Rate	B % Rate	ms/cm Rate	CL ppm Rate	AL ppm Rate
DWCSW1	11.4	11.2	73.7		13.7										
DWCSW2	3.0	12.3	58.9		25.8										
DWCSW3	2.2	12.6	79.2		5.9										
DWCSW4	20.0	11.9	77.2		8.9										
DWCSW5	11.99	11.5	71.1		15.4										

Values on this report represent the plant available nutrients in the soil.

Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High).

ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams).  
Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by: A & L EASTERN LABORATORIES, INC.

by:

Paul Chu, Ph.D.

Report Number:

R08116-0015

Account Number:

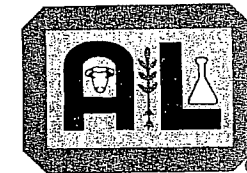
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# A&L EASTERN LABORATORIES, INC.

7621 Whitepine Road • Richmond, Virginia 23237-2214

Phone (804) 743-9401 • Fax (804) 271-6446

Website: www.al-labs-eastern.com • E-mail: office@al-labs-eastern.com



Send To: RECYC SYSTEMS INC  
POB 562  
REMINGTON, VA 22734

Grower: CARROLL WILKINS  
DINWIDDIE

Submitted By: C. CARLO

Farm I D:

Field I D:

## SOIL ANALYSIS REPORT

Page: 2

Date Received: 4/25/2008

Date of Analysis: 4/26/2008

Date of Report: 4/29/2008

Analytical Method(s):

Mehlich III

Sample Number	Lab Number	Organic Matter			Phosphorus		Potassium		Magnesium		Calcium		Sodium		pH		Acidity	C.E.C.							
		%	ENR lbs/A	Rate	Available ppm	Reserve Rate	K ppm	Rate	MG ppm	Rate	CA ppm	Rate	NA ppm	Rate	Soil pH	Buffer Index	H meq/100g	meq/100g							
DWCSW-6	8510	3.0	97	M	19	L		70	L	195	H	1310	H		6.4	6.9	0.8	9.2							
Sample Number	Percent Base Saturation					Nitrate		Sulfur		Zinc		Manganese		Iron		Copper		Boron		Soluble Salts		Chloride	Aluminum		
	K %	Mg %	Ca %	Na %	H %	NO3-N		SO4-S		ZN		MN		FE		CU		B		ms/cm	Rate	ppm	Rate	ppm	Rate
						ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate	ppm	Rate						
DWCSW-6	2.0	17.7	71.4		8.9																				

AL E-5a5

Values on this report represent the plant available nutrients in the soil.

Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High).

ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre),  
ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams).

Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by:  
A & L EASTERN LABORATORIES, INC.

by:

Paul Chu, Ph.D.



THE PLANNER IS NOT STATE CERTIFIED

**Nutrient Management Plan Balance Sheet**  
**(Spring, 2009-Summer, 2010)**  
**Carroll S. Wilkins**  
**Planner: Recyc Systems, Inc.**

Tract: 2272      Location: Dinwiddie  
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1/DWCSW06(N)	15/15	2009	Grass Pasture	50-100-90	0/0				50-100-90	N/A			
		2010	....	50-100-90	0/0				50-200-180	N/A			

Tract: 2366      Location: Dinwiddie  
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1, 2, 3/DWCSW02(N)	7/7	2009	Orchardgrass hay mt.	70-40-110	0/0				70-40-110	N/A			
		2010	....	70-40-110	0/0				70-80-220	N/A			

Tract: 2366, 2415      Location: Dinwiddie  
(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
6, 2/DWCSW03(N)	9/9	2009	Orchardgrass hay mt.	90-80-200	0/0				90-80-200	N/A			
		2010	....	90-80-200	0/0				90-160-400	N/A			
4, 5, 0, 1, 2, 3, 4/DWCSW04(1P)	15/15	2009	Orchardgrass hay mt.	70-0-120	0/0				70-0-120	49			
		2010	....	70-0-120	0/0				70-0-240	99			

Commercial Application Methods:  
br - Broadcast ba - Banded sd - Sidedress

Notes:

Tract: 458

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
1, 2, 3, 4, 5/DWCSW01(N)	13/13	2009	Orchardgrass hay	90-80-220	0/0				90-80-220	N/A			
		2010	mt. ... ..	90-80-220	0/0				90-160-440	N/A			

Tract: 2415

Location: Dinwiddie

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, 0P = No P allowed)

Field CFSA No. /Name	Size (ac) Total/ Used	Yr.	Crop	Needs N-P-K (lbs/ac)	Leg /Man Resid	Manure/Biosld Rate & Type (season)	IT (d)	Man/Bios N-P-K (lbs/ac)	Net = Needs - appld N-P-K (lbs/ac)	Sum P rem cred	Commercial N-P-K (lbs/ac)	Notes	
5/DWCSW05(N)	3/3	2009	Grass Pasture	50-40-110	0/0				50-40-110	N/A			
		2010	... ..	50-40-110	0/0				50-80-220	N/A			

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

**THE PLANNER IS NOT STATE CERTIFIED**

**Carroll S. Wilkins Narrative**

The Carroll S. Wilkins Farm is located in Dinwiddie County. The farm consists of hayland and pasture for their cow calf operation.

This partial plan is written for the purpose of obtaining a biosolids permit. Biosolids application has not been shown since it is uncertain when a permit will be obtained. The partial plan will be revised prior to biosolids application to obtain a target biosolids application rate.

### Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
2272	2272/1	DWCSW06	15	Cecil	IVa	II II	III I	II	
2366	2366/1,2, 3	DWCSW02	7	Appling	IVa	II II	III II	III	
2366, 2415	2366, 2415/6	DWCSW03	9	Cecil	IVa	II II	III I	II	
		DWCSW04	15	Cecil	IVa	III II	III II	III	
2415	2415/5	DWCSW05	3	Cecil	IVa	II II	III I	II	
458	458/1,2, 3,	DWCSW01	13	Cecil	IVa	II II	III I	II	

### Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
I	≥170	≥80	≥64	≥6	≥4.0
II	150-170	70-80	56-64	4-6	3.5-4.0
III	130-150	60-70	48-56	≤4	3.0-3.5
IV	100-130	50-60	40-48	NA	≤3.0
V	≤100	≤50	≤40	NA	NA

**Soil Test Summary**

<b>Tract</b>	<b>Field</b>	<b>Acre</b>	<b>Date</b>	<b>P2O5</b>	<b>K2O</b>	<b>Lab</b>	<b>Soil pH</b>	<b>Lime Date</b>	<b>rec. lime tons/Ac</b>
2272	DWCSW06	15	2008-Sp	L+ (19 P ppm)	M- (70 K ppm)	A&L MIII	6.4		
2366	DWCSW02	7	2008-Sp	H- (47 P ppm)	M- (56 K ppm)	A&L MIII	5.5		
2366, 2415	DWCSW03	9	2008-Sp	M (39 P ppm)	L+ (52 K ppm)	A&L MIII	6.6		
2366, 2415	DWCSW04	15	2008-Sp	VH (183 P ppm)	L+ (40 K ppm)	A&L MIII	6.4		
2415	DWCSW05	3	2008-Sp	M+ (41 P ppm)	L (38 K ppm)	A&L MIII	6.		
458	DWCSW01	13	2008-Sp	M (33 P ppm)	L (20 K ppm)	A&L MIII	6.1		

## Farm Summary Report

**Plan:**            **New Plan**        **Spring, 2009 - Summer, 2010**

**Farm Name:**    **Carroll S. Wilkins**  
**Location:**        Dinwiddie  
**Specialist:**      Recyc Systems, Inc.

**Tract Name:**    **2272**  
**FSA Number:**   **2272**  
**Location:**        Dinwiddie

**Field Name:**     **DWCSW06**  
**Total Acres:**    15.10    **Usable Acres:**   15.10  
**FSA Number:**    1  
**Tract:**            2272  
**Location:**        Dinwiddie  
**Slope Class:**    B        **Hydrologic Group:**    B

Riparian buffer width: 0 ft  
Distance to stream: 0 ft

**Conservation Practices:**  
Pasture (>75% cover)

*P-Index Summary*  
N-based  
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K		Lab
Sp-2008	6.4	L+(19 P ppm)	M-(70 K ppm)	A&L MIII	

**Field Warnings:**

**Tract Name:**    **2366**  
**FSA Number:**   **2366**

Location: Dinwiddie

**Field Name: DWCSW02**

Total Acres: 6.90 Usable Acres: 6.90

FSA Number: 1, 2, 3

Tract: 2366

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**Conservation Practices:**

Pasture (>75% cover)

*P-Index Summary*

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K		Lab
Sp-2008	5.5	H-(47 P ppm)	M-(56 K ppm)	A&L MIII	

**Field Warnings:**

**Tract Name: 2366, 2415**

FSA Number: 2366, 2415

Location: Dinwiddie

**Field Name: DWCSW03**

Total Acres: 9.40 Usable Acres: 9.40

FSA Number: 6, 2

Tract: 2366, 2415

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**Conservation Practices:**

Pasture (>75% cover)

*P-Index Summary*

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K		Lab
Sp-2008	6.6	M(39 P ppm)	L+(52 K ppm)	A&L MIII	

**Field Warnings:**

**Field Name:** DWCSW04

Total Acres: 14.60 Usable Acres: 14.60

FSA Number: 4, 5, 0, 1, 2, 3, 4

Tract: 2366, 2415

Location: Dinwiddie

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft

Distance to stream: 0 ft

**Conservation Practices:**

Pasture (>75% cover)

*P-Index Summary*

P-based(1.0)

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K		Lab
Sp-2008	6.4	VH(183 P ppm)	L+(40 K ppm)	A&L MIII	

**Field Warnings:**



**Tract Name: 2415**  
FSA Number: 2415  
Location: Dinwiddie

**Field Name: DWCSW05**  
Total Acres: 3.10 Usable Acres: 3.10  
FSA Number: 5  
Tract: 2415  
Location: Dinwiddie  
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft  
Distance to stream: 0 ft

**Conservation Practices:**  
Pasture (>75% cover)

*P-Index Summary*  
N-based  
Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K		Lab
Sp-2008	6.0	M+(41 P ppm)	L(38 K ppm)	A&L MIII	

**Field Warnings:**

**Tract Name: 458**  
FSA Number: 458  
Location: Dinwiddie

**Field Name: DWCSW01**  
Total Acres: 12.60 Usable Acres: 12.60  
FSA Number: 1, 2, 3, 4, 5  
Tract: 458  
Location: Dinwiddie  
Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft  
Distance to stream: 0 ft

**Conservation Practices:**

Pasture (>75% cover)

*P-Index Summary*

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

**Soil Test Results:**

DATE	PH	P	K		Lab
Sp-2008	6.1	M(33 P ppm)	L(20 K ppm)	A&L MIII	

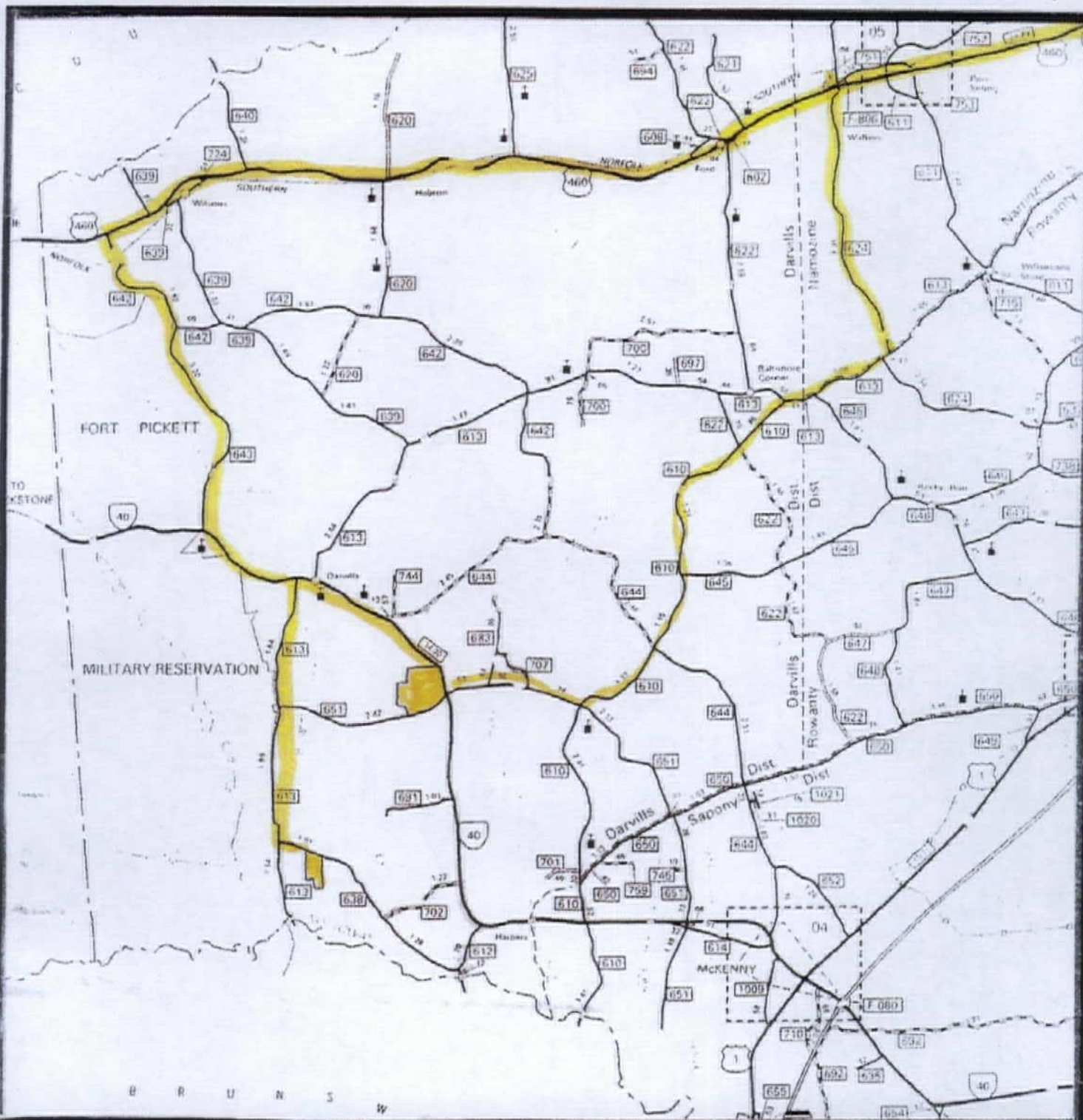
**Field Warnings:**

# MAPS

# Recyc Systems™

Inc.

(Biosolids Land Application)



**Scale:** 1 inch = 2 miles

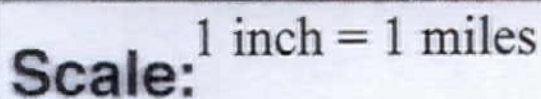
DWCSW 1-6

**VICINITY MAP**





(Biosolids Land Application)



DWCSW 1-6

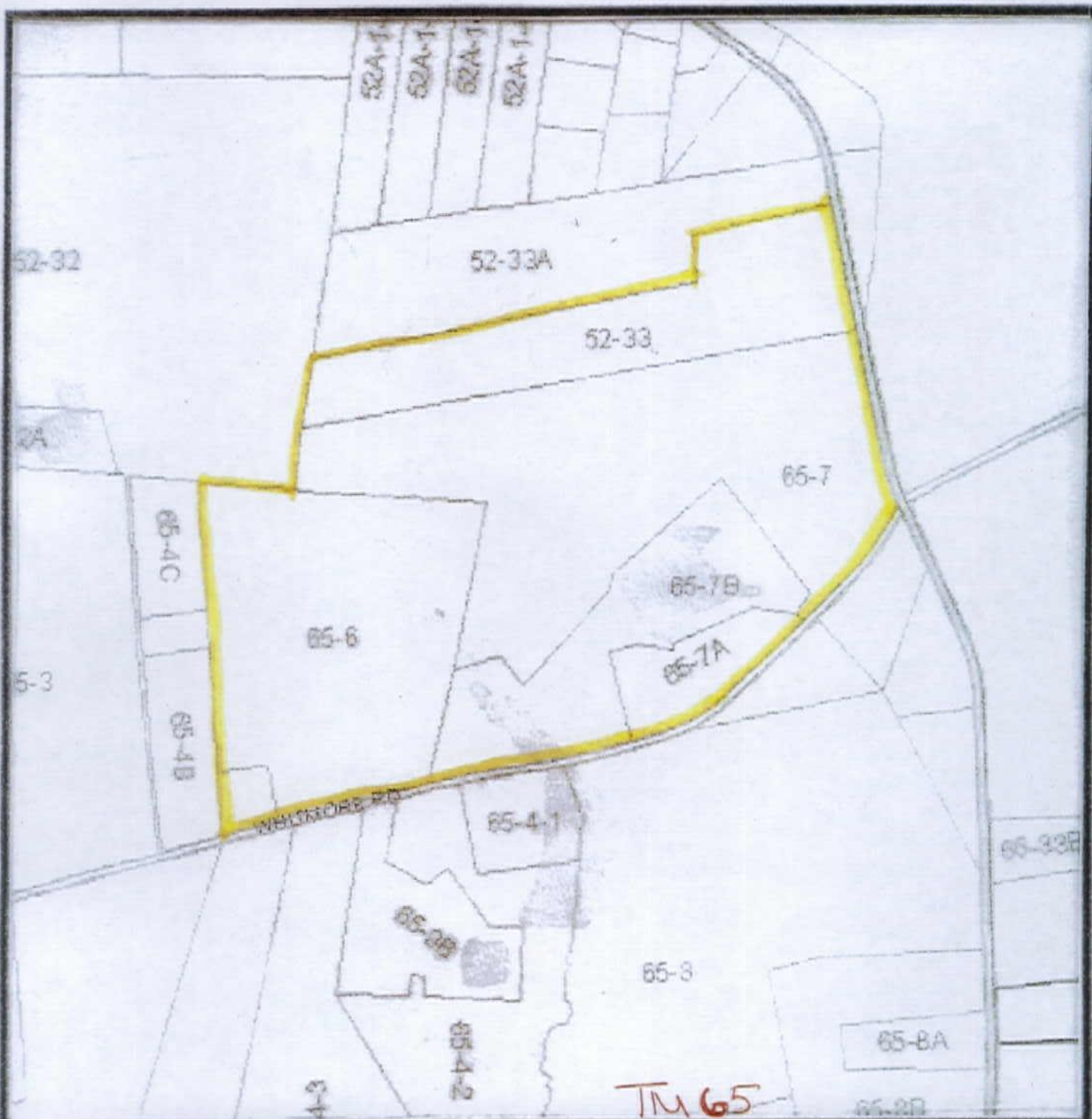
### VICINITY MAP





# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale: 1 inch = 660 feet

DWCSW 1-6

TAX MAP



# ADJOINING LANDOWNERS

Carroll S Wilkins

## DINWIDDIE COUNTY

Tax Map	Parcel #	Owner Name(s)
52	33A	Dorothy E Jackson Estate C/O Otis Jackson SR
	42	Eastern Timberlands LLC C/O Wachovia Timberland inv mgt
	43	
65	4	Wilmon M Adams
	4B	Jennie I Adams
	4C	Joyce A Malone
	4-2	Warren and Renee Wayland
	4-3	John Michael Jabe III
	4-4	Leslie Deanna Smith
	5	Linwood T, Clarence E and Lisa D Creighton
	6	R L Ozmore C/O James Wesley Humphries
	9B	William F Webb III
	33	Sylvia Cogville Chambers and Charles Newman Sr



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



Scale:

1 inch = 660 feet

DWCSW 1-6

SOIL MAP





# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



FSN 503  
Tract 458

0 140 280 560 840 1,120 Feet

Disclaimer: Wetland identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

Scale: 1 inch = 660 feet

DWCSW 1

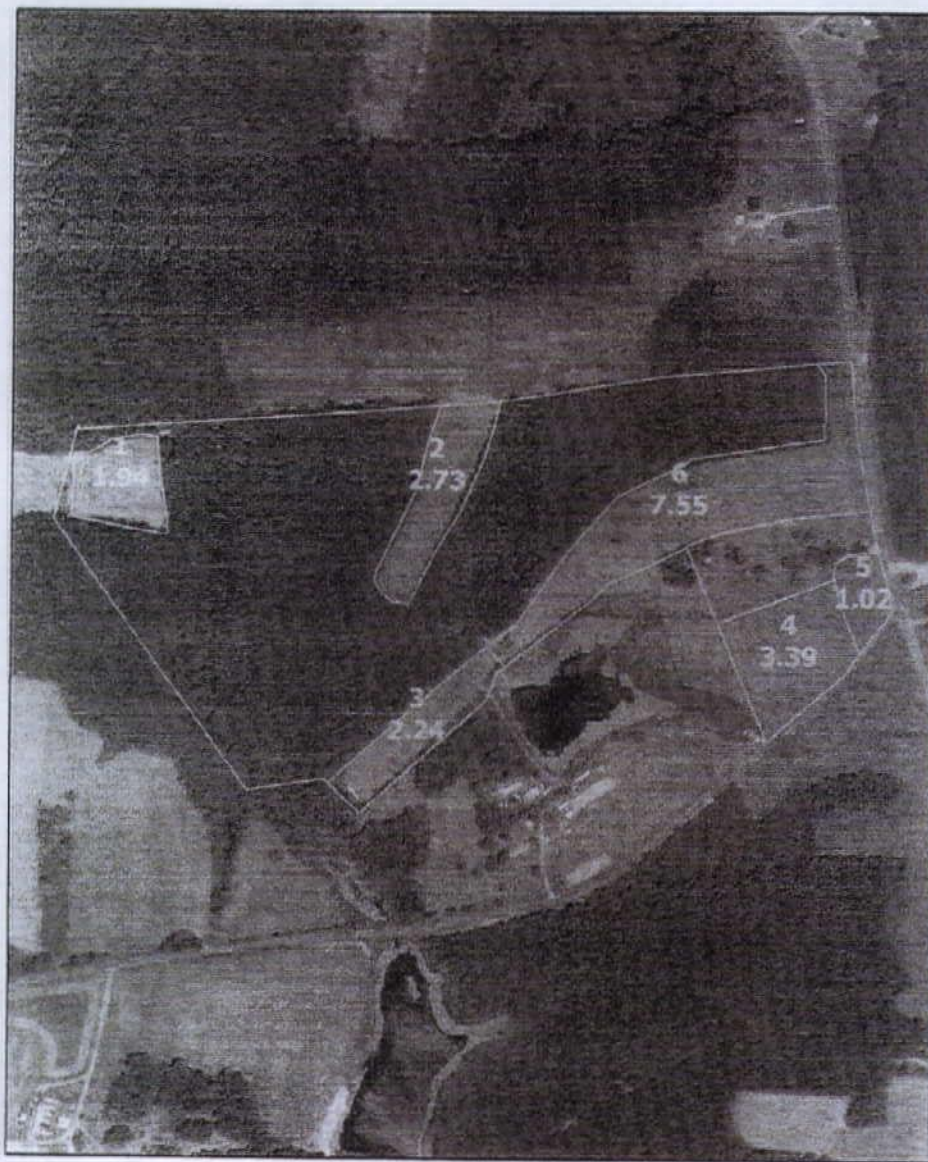
AERIAL MAP





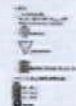
# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



FSN 3032  
Tract 2366

0 150 300 600 900 1,200  
Feet



Disclaimer: Wetland Identifiers do not represent the size, shape or specific determination of the area. Refer to your original determination (CPA-026 and attached maps) for exact wetland boundaries and determinations, or contact NRCS.

**Scale:** 1 inch = 660 feet

DWCSW 2,3,4

**AERIAL MAP**





# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



FSN 3032  
Tract 2415

0 100 200 400 600 800  
Feet

Scale: NOT TO SCALE

DWCSW 3,4,5

AERIAL MAP

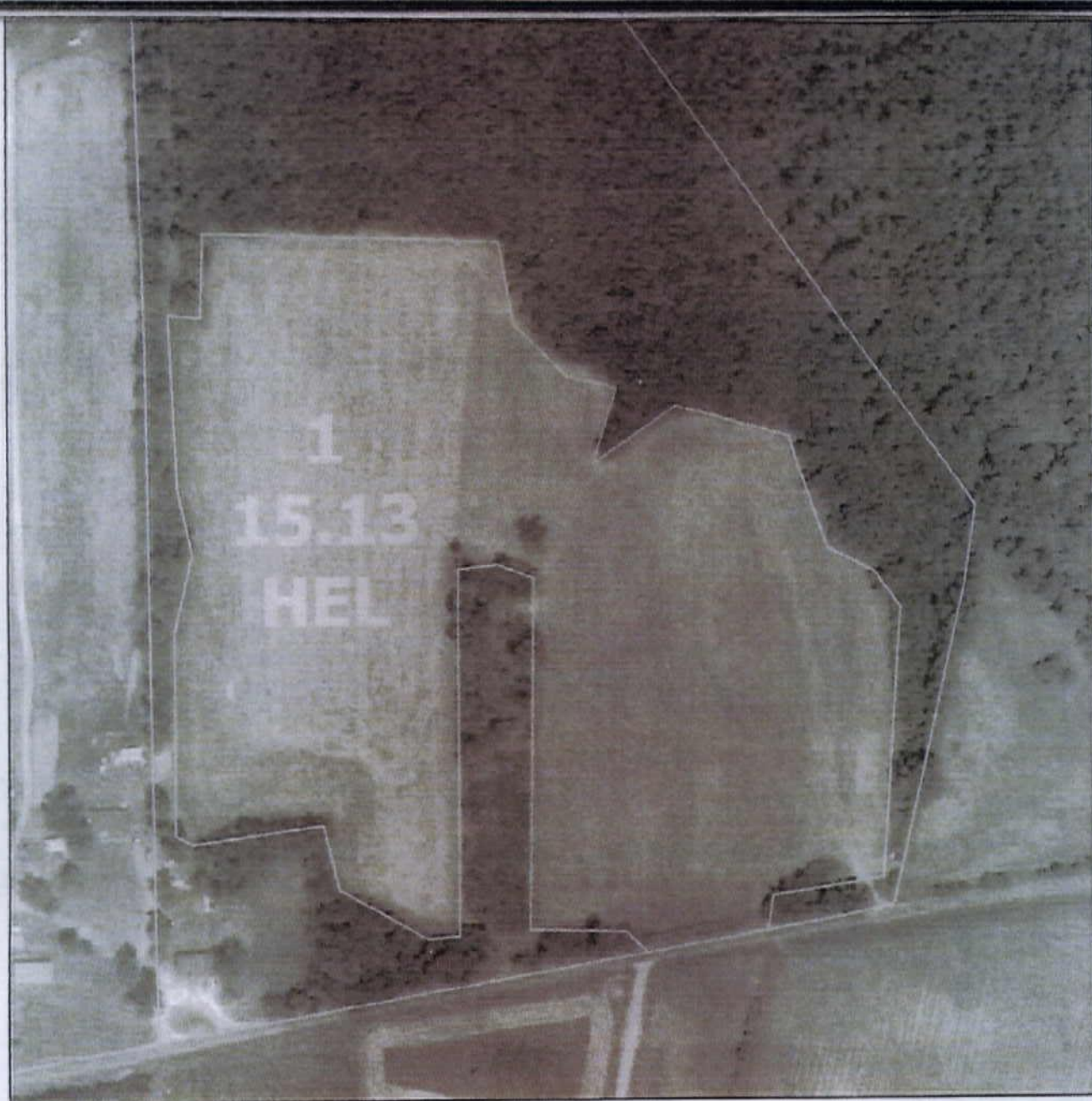




# Recyc Systems<sup>TM</sup>

Inc.

(Biosolids Land Application)



FSN 3736  
Tract 2272

0 70 140 280 420 560 Feet



Scale: NOT TO SCALE

DWCSW 6

AERIAL MAP



## Legend for Site Plan

H/W

House and Well

W

Sp

Well / Spring

Perennial Streams & Surface

Wet Spot

Intermittent Stream / Drainage

Trees and Woods

Private Drive

Rock / Rocky Area

Sinkhole

Severely Eroded Spot

State Road

Field Boundary / Fence

Property Line

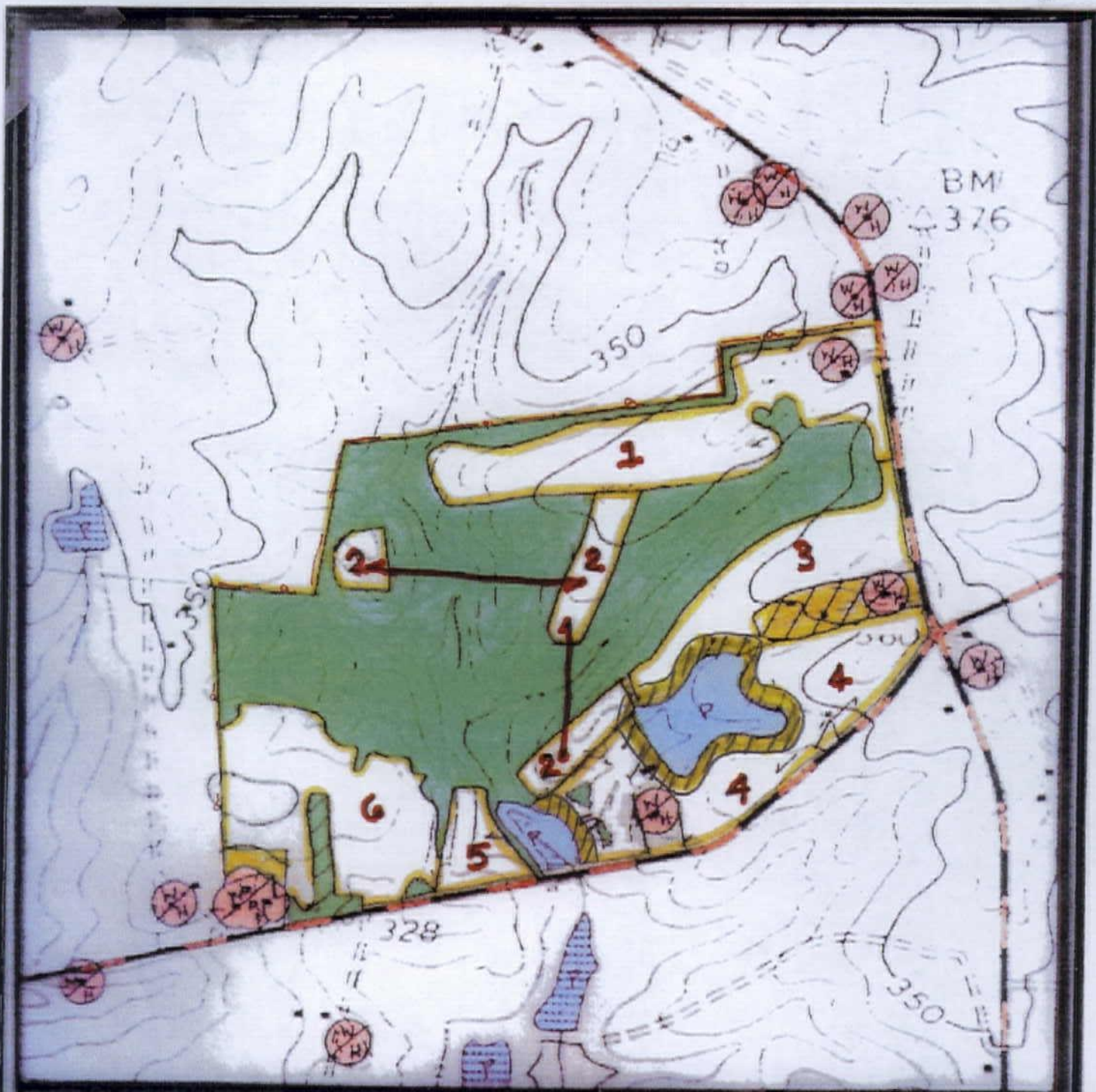
Slope

Frequent Flooded Soil



# Recyc Systems<sup>TM</sup> Inc.

(Biosolids Land Application)



**Scale:** 1 inch = 660 feet

DWCSW 1-6

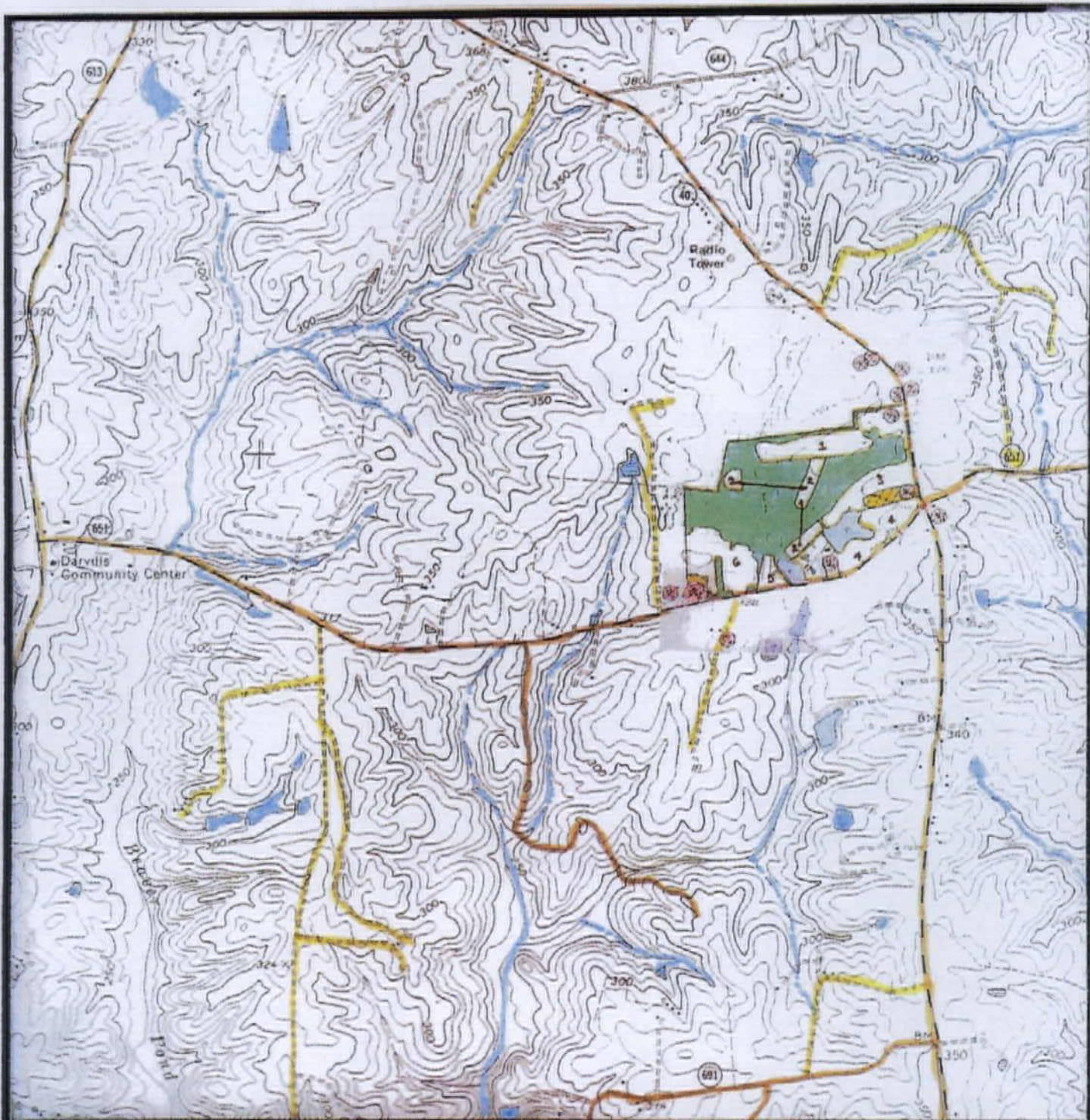
**SITE PLAN**





**Inc.**

(Biosolids Land Application)



**Scale:** 1 inch = 2000 feet

DWCSW 1-6

# TOPOGRAPHIC MAP

